WHAT IS CLAIMED IS:

- 1. A border lighting strip comprising:
- an electrical cable including a plurality of electrical conductors;
- a plurality of light emitting devices (LEDs) arranged alongside the electrical cable and electrically connected thereto; and
- a sheath at least partially made from a light transmissive material, said sheath having a hollow region adapted to receive the LEDs, and an integrally formed cylindrical lens arranged to optically cooperate with the LEDs.
- The border lighting strip as set forth in claim 1, wherein the sheath includes:

an extruded length of light transmissive material of high refractive index.

3. The border lighting strip as set forth in claim 1, wherein the sheath includes:

an extruded length of a wave guiding material.

- 15 **4**. The border lighting strip as set forth in claim **1**, wherein the plurality of LEDs are arranged such that they face the same direction.
 - 5. The border lighting strip as set forth in claim 4, wherein the cylindrical lens is arranged parallel to the cable such that the plurality of LEDs face the cylindrical lens.
- 20 **6**. The border lighting strip as set forth in claim **1**, wherein each LED has associated therewith a lead frame which provides for electrical connection of the LED to the cable.

light.

- 7. The border lighting strip as set forth in claim 1, further including: a plurality of LED sockets that receive the LEDs and effectuate connection of the LEDs to the cable.
- 8. The border lighting strip as set forth in claim 1, further including:

 a plurality of crimps corresponding to the plurality of LED's which electrically and mechanically connect the LED's to the electrical cable.
 - **9**. The border lighting strip as set forth in claim **1**, wherein: the light emitting devices (LEDs) include light emitting diodes.
- 10. The border lighting strip as set forth in claim 9, wherein the light10 emitting diodes are selected from a group consisting of:

phosphide-based red light emitting diodes,
blue or blue/green nitride-based light emitting diodes, and
phosphor-coated UV light emitting diodes emitting white or other colored

- 11. A linear lamp comprising:

 an essentially hollow tube of translucent or transparent material;

 a plurality of light emitting elements arranged within the tube; and

 at least one electrical wire arranged within the tube for supplying electrical power to the light emitting elements.
- 20 **12**. The linear lamp as set forth in claim **11**, wherein the tube includes: a wave guide portion that distributes light generated by the light emitting elements along the tube.

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- 13. The linear lamp as set forth in claim 11, wherein the tube includes:
- a refracting portion that spreads light generated by the light emitting elements in a plane perpendicular to the tube.
 - 14. The linear lamp as set forth in claim 11, further including:
- a plurality of conductors that electrically and mechanically connect the light emitting elements to the at least one electrical wire.
 - 15. The linear lamp as set forth in claim 11, wherein:

the tube of translucent or transparent material is flexible whereby the linear lamp is flexible and arrangeable in a non-straight orientation.

- **16**. A lighting strip comprising:
- a cord including a plurality of parallel conductive wires and an insulating coating;
- a plurality of light emitting elements affixed to the cord and arranged to receive electrical power therefrom; and
- an at least partially light transmissive tube surrounding the plurality of light emitting elements and at least a portion of the cord.
 - 17. The lighting strip as set forth in claim 16, wherein the tube further includes:
- an integral optical element that distributes light emitted by the plurality of light emitting elements along the lighting strip.
 - **18**. The lighting strip as set forth in claim **16**, wherein the tube further includes:

a lens integrally formed with the tube that optically communicates with the plurality of light emitting elements.

- 19. The lighting strip as set forth in claim 16, wherein the light emitting elements include light emitting diodes.
- 5 **20**. The lighting strip as set forth in claim **16**, further including: at least one mount that attaches the light emitting elements to the cord.
 - 21. The lighting strip as set forth in claim 16, wherein the tube is formed by an extrusion molding.
- 22. The lighting strip as set forth in claim 16, wherein the tube includes10 a color tinting.
 - 23. A method for manufacturing a lighting strip, the method comprising:

electrically connecting a plurality of light emitting devices to an electrical cable to form a linear light source;

extruding a transparent or translucent sheath adapted to receive the linear light source; and

inserting the linear light source into the extruded sheath.

- 24. The method as set forth in claim 23, wherein the extruding includes:
- 20 extruding a cylindrical lens integrally with the extruding of the sheath.

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25. The method as set forth in claim 23, wherein electrically connecting includes:

attaching a mount to the electrical cable, which attaching includes an electrical connection between the mount and the cable; and

physically and electrically bonding one of the light emitting devices to the mount.

26. The method as set forth in claim 23, wherein electrically connecting includes:

crimping electrical leads of one of the light emitting devices to the electrical cable to establish an electrical connection therebetween; and

repeating the crimping for each of the plurality of light emitting devices.